

Glossopetalon pungens Brandegees **var. glabrum** (Ensign) St. John**SMOOTH DWARF GREASEBUSH**

FAMILY: *Crossosomataceae*, the crossosoma family.

SYNONYMS: *Forsellesia pungens* var. *glabra*

STATUS:

Heritage Program SENSITIVE LIST, ranks: G2G3 T1Q S1

USFWS/ESA: species of concern. **STATE OF NEVADA:** none. **BLM:** Special Status Species in Nevada.

USFS: Humboldt-Toiyabe NF Sensitive Species. **NNNPS:** watch list.

POPULATION CENSUS (NEVADA): **3 occurrences mapped** at 1.0 km (0.6 mi) separation, **OR 4 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals 203+**, total estimated **area unknown**. **TREND:** unknown.

IMPACTS AND MAJOR THREATS (NEVADA): No summary available (see references).

INVENTORY EFFORT (NEVADA): Surveys remain largely incomplete in Nevada. Most recent entered survey 1979, average year of last survey 1976. **Years since last entered survey** (percent of mapped records at various survey ages): **21-30 yrs:** 75%; **31-50 yrs:** 25%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: U. S. Fish and Wildlife Service, Humboldt-Toiyabe National Forest, private lands (?), U. S. Department of Defense (?).

RANGE: Clark County, Nevada; also in CA. In Nevada apparently restricted to the Spring and Sheep ranges. Maximum Nevada **range dimension 62.1 km (38.6 mi)** excluding most disjunct record. **Type specimen** collected in San Bernardino County, California.

ELEVATIONS RECORDED (NEVADA): 6000-7800 feet (1829-2377 meters).

HABITAT (NEVADA): Crevices of carbonate cliffs and outcrops, generally avoiding southerly exposures, in the pinyon-juniper, mountain mahogany, and montane conifer zones.

PHENOLOGY: flowering spring to early-summer, In bloom from mid-April to early-July. Range of most frequent **survey months:** June-July.

LIFE-FORM AND HABIT: dwarf subshrub.

DESCRIPTION: Apparently distinguished from var. *pungens* only by the absence of hairs.

PHOTOGRAPHS: none known.

ILLUSTRATIONS: Mzingo and Williams (1980).

OTHER GENERAL REFERENCES (listed separately): Hickman (1993).

OF FURTHER INTEREST: The varieties of *Glossopetalon pungens* were not recognized in the Jepson Manual (Hickman 1993). The known occurrences still exhibit substantial geographic segregation, however, with only a few mixed occurrences known. The varieties are therefore maintained provisionally as distinct by the Nevada Natural Heritage Program pending further study.
